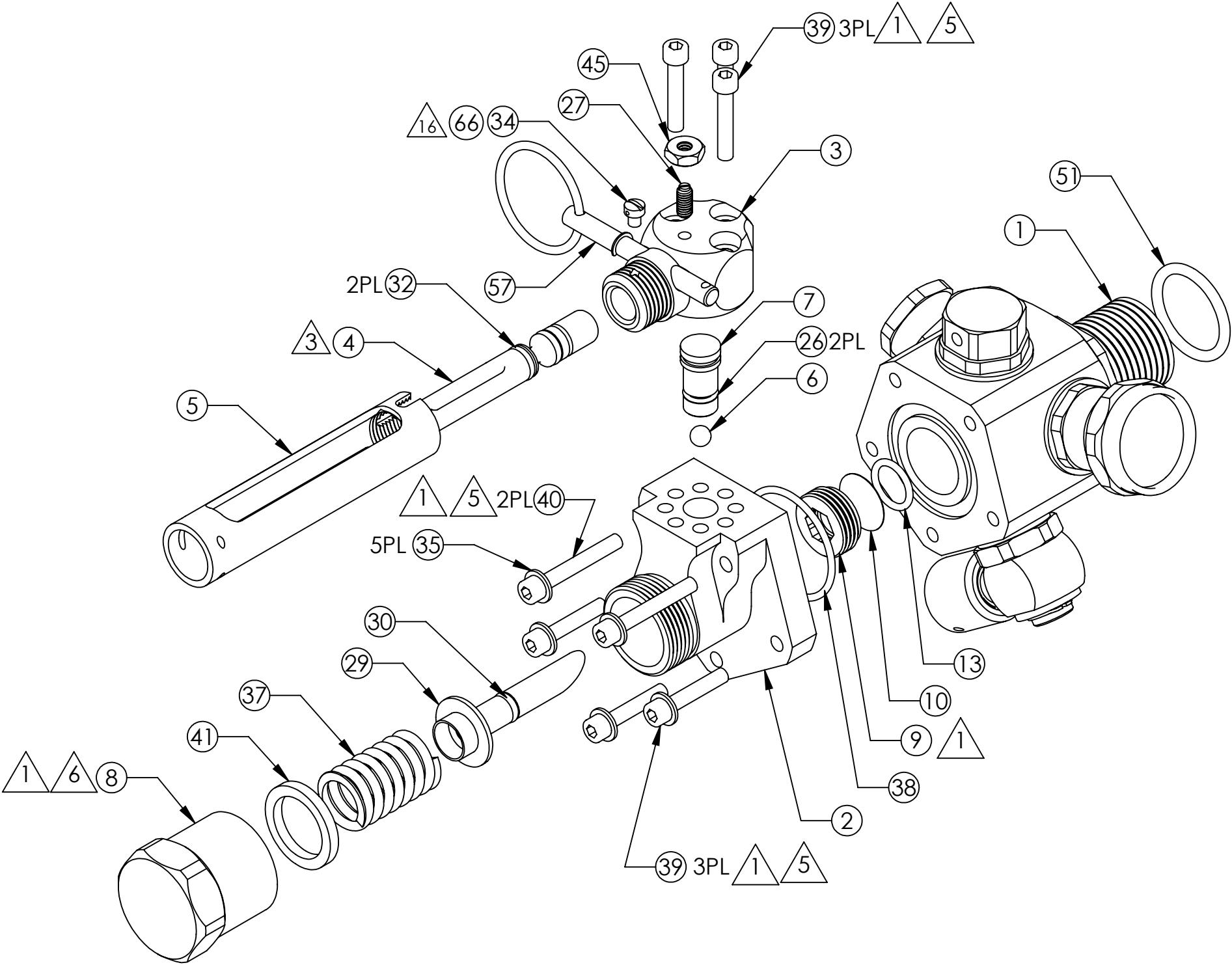



Limited Release  
ECR 620

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645.5901 SHOWN, .5902, .5903, .5904, .5905, .5906 TYP  
PORT FITTINGS SHOWN EXPLODED ON SHEET 4

ORIGINAL DATE (MO-DA-YR) 01-22-07		 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY E. ANDERSSON	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 01-22-07		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		VALVE ASSEMBLY	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	REV. K
		CAGE CODE 07MZ6	DWG. NO. 645.5900
		SCALE NONE	SHEET 2 OF 5

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A

B

C

D

645.590X-**000**-XXX-XX

645.590X-**315**-XXX-XX

645.590X-**045**-XXX-XX

645.590X-**270**-XXX-XX

645.590X-**090**-XXX-XX

645.590X-**225**-XXX-XX

645.590X-**135**-XXX-XX

645.590X-**180**-XXX-XX

ANGLE OF PULL CABLE HOUSING (IN RELATION TO VALVE BODY)

CONFIGURATION TABLE				
CONFIGURATION	POSITION 1	POSITION 2	POSITION 3	POSITION 4
01	GAUGE	FILL FITTING	BURST	THERMAL
02	GAUGE	FILL FITTING	THERMAL	BURST
03	GAUGE	THERMAL	BURST	FILL FITTING
04	GAUGE	THERMAL	FILL FITTING	BURST
05	GAUGE	BURST	THERMAL	FILL FITTING
06	GAUGE	BURST	FILL FITTING	THERMAL
07	FILL FITTING	GAUGE	BURST	THERMAL
08	FILL FITTING	GAUGE	THERMAL	BURST
09	FILL FITTING	THERMAL	BURST	GAUGE
10	FILL FITTING	THERMAL	GAUGE	BURST
11	FILL FITTING	BURST	THERMAL	GAUGE
12	FILL FITTING	BURST	GAUGE	THERMAL
13	THERMAL	FILL FITTING	BURST	GAUGE
14	THERMAL	FILL FITTING	GAUGE	BURST
15	THERMAL	BURST	FILL FITTING	GAUGE
16	THERMAL	BURST	GAUGE	FILL FITTING
17	THERMAL	GAUGE	BURST	FILL FITTING
18	THERMAL	GAUGE	FILL FITTING	BURST
19	BURST	FILL FITTING	GAUGE	THERMAL
20	BURST	FILL FITTING	THERMAL	GAUGE
21	BURST	THERMAL	GAUGE	FILL FITTING
22	BURST	THERMAL	FILL FITTING	GAUGE
23	BURST	GAUGE	FILL FITTING	THERMAL
24	BURST	GAUGE	THERMAL	FILL FITTING

645.590X-XXX-**000**-X

645.590X-XXX-**288**-X

645.590X-XXX-**072**-X

645.590X-XXX-**216**-X

645.590X-XXX-**144**-X

ANGLE OF BAYONET HOUSING (IN RELATION TO OUTLET PORT)

ANGLE OF PULLCABLE HOUSING

BASE ASSEMBLY #

645.590X - XXX - XXX - XX

ANGLE OF BAYONET HOUSING

PORT POSITION CODE


POSITION 4

POSITION 1

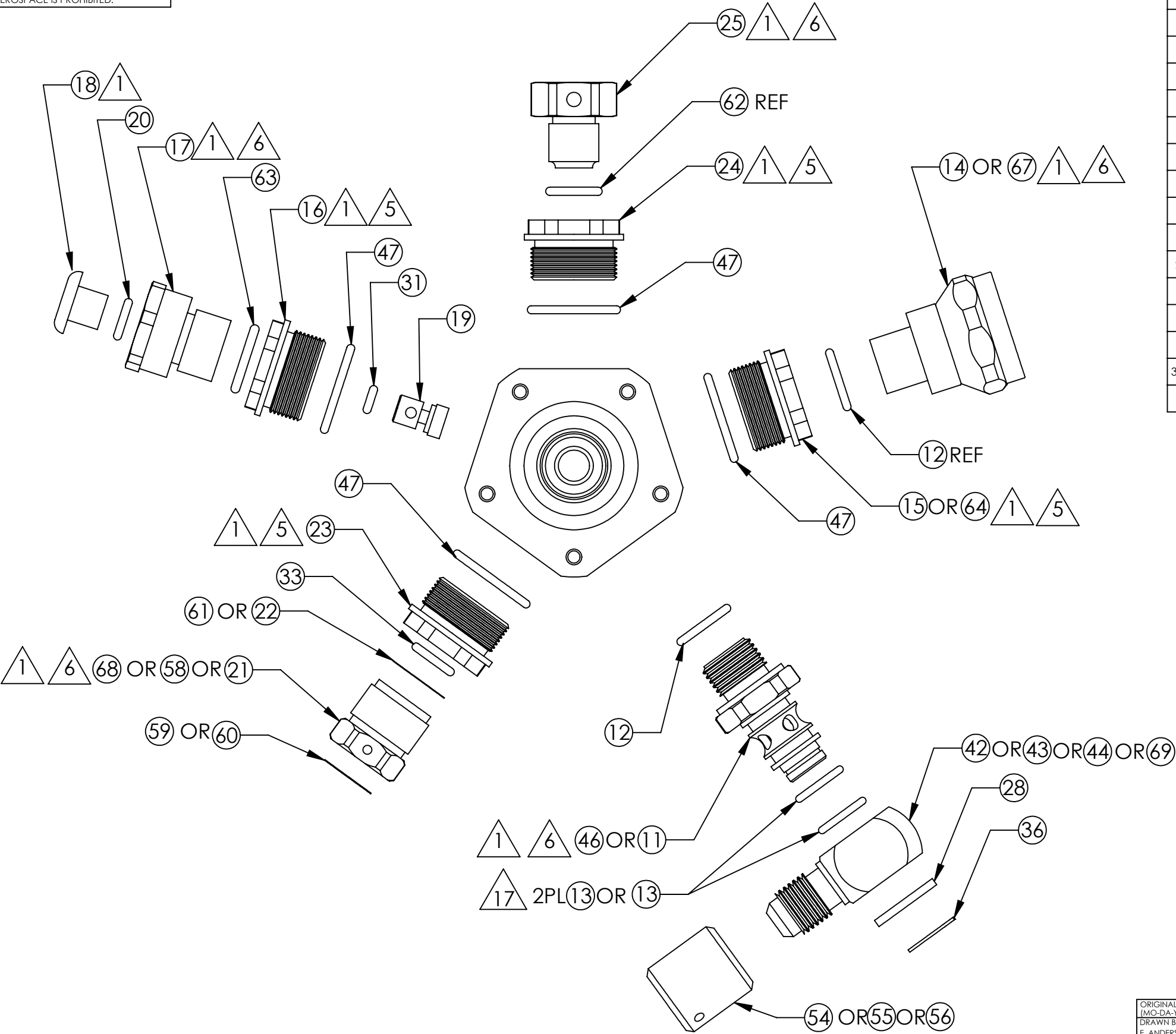
POSITION 3

POSITION 2

PORT POSITIONS (IN RELATION TO OUTLET PORT)


ORIGINAL DATE (MO-DA-YR) 01-22-07		 <b>DART</b> 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300 APICAL INDUSTRIES, INC. dba DART AEROSPACE			
DRAWN BY E. ANDERSSON	CHECKER P. BRAVO				
DRAWING APPROVAL P. BRAVO 01-22-07 CONTRACT No.					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	CAGE CODE 07MZ6	DWG. NO. 645.5900	REV. K
SCALE NONE				SHEET 3 OF 5	

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TORQUE TABLE		
F/N	DESCRIPTION	VALUE
8	SPRING CAP	10 FT-LBS
9	PUNCTURE DISC RETAINER	15 FT-LBS
11 OR 46	SWIVEL FITTING	30 FT-LBS
14	GAUGE	20 FT-LBS
15 OR 65	GAUGE ADAPTER	30 FT-LBS
16	FILL PORT ADAPTER	30 FT-LBS
17	FILL PORT	25 FT-LBS
18	PLUG FITTING	10 FT-LBS
21 OR 58	SAFETY DISC RETAINER	15 FT-LBS
23	BURST DISC ADAPTER	30 FT-LBS
24	THERMAL ADAPTER	30 FT-LBS
25	FUSIBLE PLUG	15 FT-LBS
39 AND 40	SOCKET HEAD CAP SCREW	10 IN-LBS
48	PRESSURE TRANSDUCER	30 FT-LBS

PORT FITTINGS, (645.590X-XXX-XXX-20 SHOWN)  
PULL CABLE HOUSING, VAVLE BODY, AND INTERNAL PARTS REMOVED FOR CLARITY

ORIGINAL DATE (MO-DA-YR) 01-22-07		 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY E. ANDERSSON	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 01-22-07		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		VALVE ASSEMBLY	
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SCALE NONE		DWG. NO. 645.5900	SHEET 4 OF 5



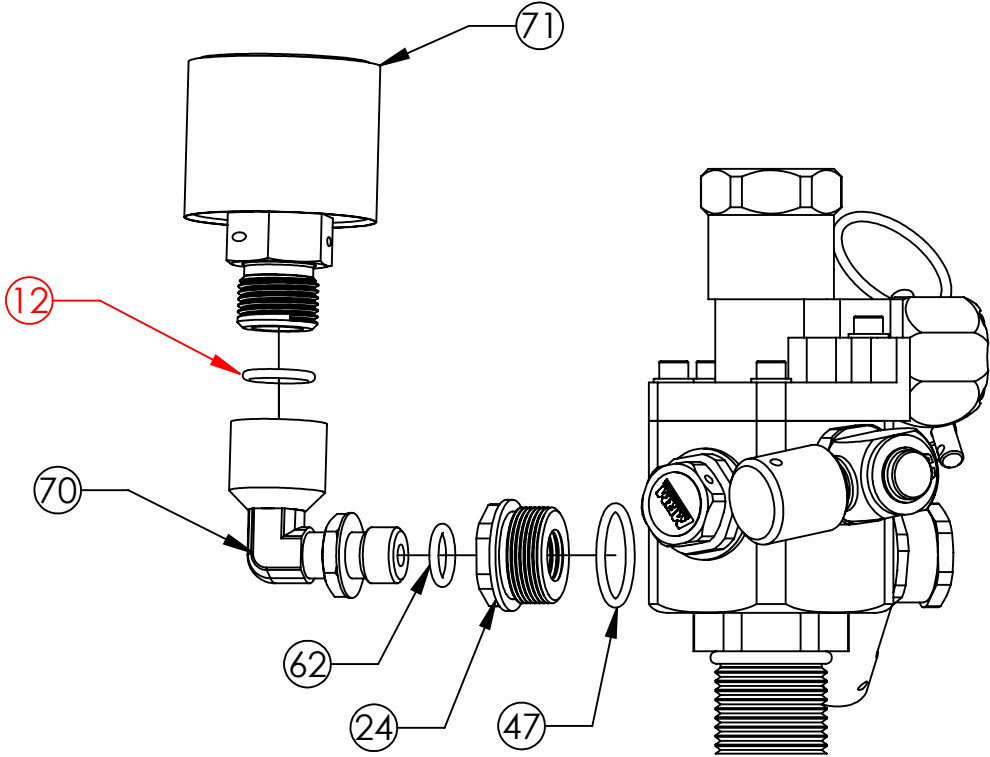
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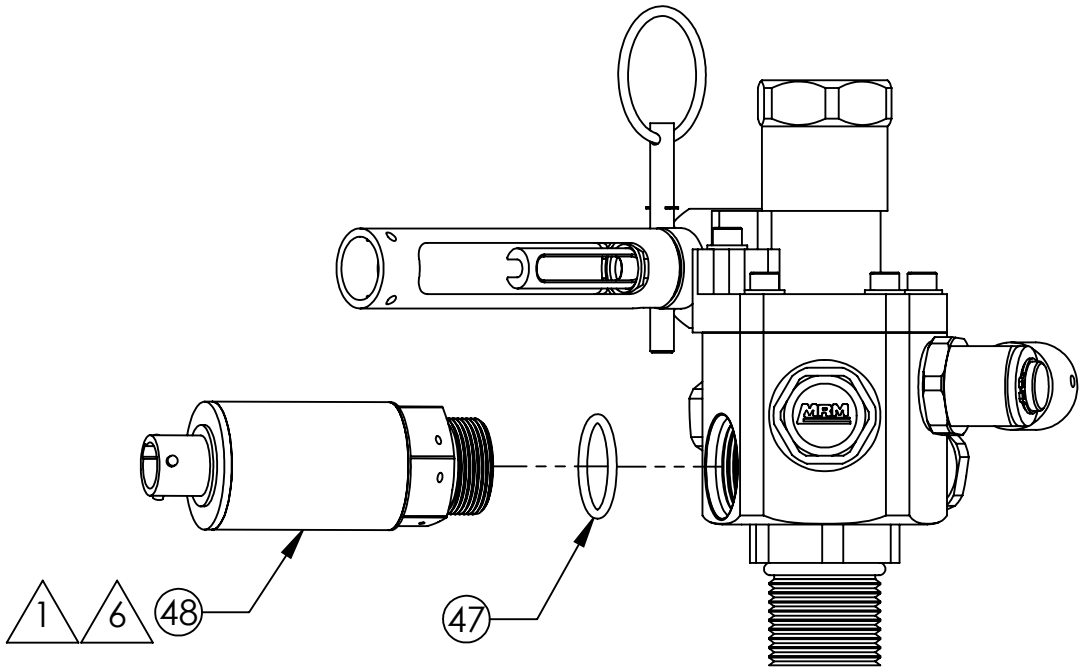
B

C

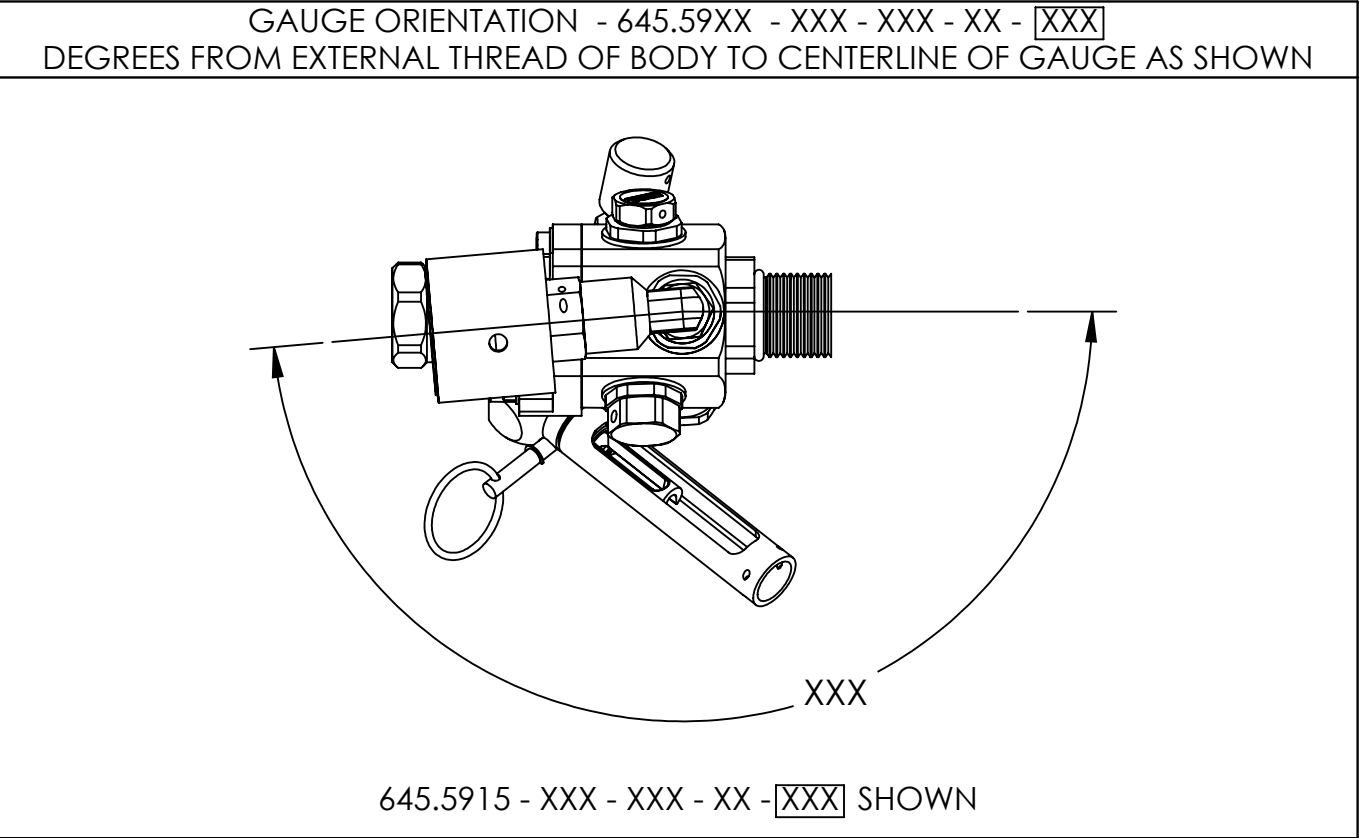
D



645.5915 CONFIGURATION ONLY



645.5914 CONFIGURATION ONLY



ORIGINAL DATE (MO-DA-YR) 01-22-07		<b>DART</b> 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
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		CAGE CODE 07MZ6	DWG. NO. 645.5900
		SCALE NONE	SHEET 5 OF 5